

20010731.qrp v02_n267.qrl.20010731

Date: Tue, 31 Jul 2001 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2267

QRP-L Digest 2267

Topics covered in this issue include:

- 1) [103806] Mackay-Dymek DA-100 Active Antenna schematic
by "Ed Tanton N4XY" <n4xy@att.net>
- 2) [103807] RE: QRP Miracle Whip
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 3) [103808] EPS-1
by "Steven Weber" <kd1jv@moose.ncia.net>
- 4) [103809] Ft. Tuthill '01
by jaywa5whn@juno.com
- 5) [103810] Latest from Ten meters.
by "Michael B. Byrd" <sunbyrd@gte.net>
- 6) [103811] Re: TenTec Jupiter
by Lee Hopper <leehop@qwest.net>
- 7) [103812] 9Y4/DL2RVS/QRP on 14.060 @ 0233Z
by David Gauding <david.gauding@bbs.galilei.com>
- 8) [103813] Final Log of Foxhunt #10 - N9AW
by "Jerry Scherkenbach" <jerrys@execpc.com>
- 9) [103814] Thanks
by Bill Stietenroth <k5zty@juno.com>
- 10) [103815] Re: 17mtr DSB: receiver refinements
by David Newkirk <dpnewkirk@home.com>
- 11) [103816] Re: Ft. Tuthill '01
by "James R. Duffey" <jamesd1@flash.net>
- 12) [103817] Need help on connector type for multi board project
by "Craig Johnson" <cbjohns@mn.mediaone.net>
- 13) [103818] relay
by dave <dave@dpomeroy.com>
- 14) [103819] Re: Are knots bad for antennas?
by ted kell <tedkell@ev1.net>
- 15) [103820] Any Clubs putting any Resistor,capaitor or tprod kits together.
by Wayne <aa5jj@swbell.net>
- 16) [103821] Re: Homebrew Dials
by muglesto@ecentral.com
- 17) [103822] P-Tick Keyer "side tone audio"
by Wayne <aa5jj@swbell.net>
- 18) [103823] Re: Need help on connector type for multi board project
by "Leon Heller" <leon_heller@hotmail.com>
- 19) [103824] N4BP BB#26 FOBB

- by Bob Patten <n4bp@yahoo.com>
- 20) [103825] 160 M QRP Rigs
by OJ Loughheed <ojl@nerpa.net>
- 21) [103826] RE: relay
by "Ed Tanton N4XY" <n4xy@att.net>
- 22) [103827] Re: 160 M QRP Rigs
by "Karl F. Larsen" <k5di@zianet.com>
- 23) [103828] Re: Need help on connector type for multi board project
by "Mark J. Dulcey" <mark@buttery.org>
- 24) [103829] CW key, paddle, bug and CW items FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 25) [103830] FOX: N0IT/N0RC CUB FOXES TONIGHT
by Dave Sjolín <sjolin@swbell.net>
- 26) [103831] The EPS-1 DC-DC Converter Kit
by ARDUJENSKI@aol.com
- 27) [103832] RE: relay
by "AI2Q Alex" <ai2q@adelphia.net>
- 28) [103833] FP BB Newsletter
by Shephed@aol.com
- 29) [103834] Re: Mackay-Dymek DA-100 Active Antenna schematic
by "Bob Tellefsen" <n6wg@earthlink.net>
- 30) [103835] Re: Need help on connector type for multi board project
by "Steven Weber" <kdljv@moose.ncia.net>
- 31) [103836] FA: WBL V22L Iamabac Paddle
by "Paul Christensen" <paulc@mediaone.net>
- 32) [103837] Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
by Nils R Young <nilsbull@juno.com>
- 33) [103838] FOX: Cub FOX Reminder
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
- 34) [103839] picture this
by Bruce Ratray <rattray@gpfn.sk.ca>
- 35) [103840] Re: Need help on connector type for multi board project
by "Leon Heller" <leon_heller@hotmail.com>
- 36) [103841] Re: Homebrew Dials
by John Arnold <arnoldas@pacbell.net>
- 37) [103842] Re: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
by Phil Wheeler <w7ox@earthlink.net>
- 38) [103843] Bubba 2001
by "Bob Hightower" <nk7m@extremezone.com>
- 39) [103844] Re: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
by Phil Wheeler <w7ox@earthlink.net>
- 40) [103845] Another "ditter" 14058.5kHz 1755z
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
- 41) [103846] Re: Another "ditter" 14058.5kHz 1755z
by Phil Wheeler <w7ox@earthlink.net>
- 42) [103847] Re: Need help on connector type for multi board project
by "Lee Mairs" <lmairs@ix.netcom.com>
- 43) [103848] Re: Another "ditter" 14058.5kHz 1755z

by "blinn" <blinn@smsgazette.com>

44) [103849] Re: Another "ditter" 14058.5kHz 1755z
by Phil Wheeler <w7ox@earthlink.net>

45) [103850] Re: Another "ditter" 14058.5kHz 1755z
by "Rob Matherly" <kc0bom@yahoo.com>

46) [103851] 1826z UPDATE: Re: Another "ditter" 14058.5kHz 1755z
by "Rod Cerkoney, NØRC" <rod@n0rc.com>

47) [103852] RE: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>

48) [103853] HR on CD-ROMs
by "tbowman@nbn.net" <tbowman@nbn.net>

49) [103854] Re: Another "ditter" 14058.5kHz 1755z
by "Rod Cerkoney, NØRC" <rod@n0rc.com>

50) [103855] Re: Another "ditter" 14058.5kHz 1755z
by "Rob Matherly" <kc0bom@yahoo.com>

51) [103856] Ham Radio mag on CDs
by Nils R Young <nilsbull@juno.com>

52) [103857] Re: Are knots bad for antennas?
by "Carlos Caro" <cjcaro35@hotmail.com>

53) [103858] Re: Another "ditter" 14058.5kHz 1755z
by Phil Wheeler <w7ox@earthlink.net>

54) [103859] Re: Another "ditter" 14058.5kHz 1755z
by William R Colbert <w5xe@juno.com>

55) [103860] Well, now that I can send....
by "Rob Matherly" <kc0bom@yahoo.com>

56) [103861] Ham Radio mag Index on the web, etc.
by rhiller@sysdev.com (Rick Hiller)

57) [103862] Re: Ham Radio magazine on CDs, PRC10 boxes
by William R Colbert <w5xe@juno.com>

58) [103863] level of xmitted RF from dummy load?
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>

59) [103864] 30 meters
by William R Colbert <w5xe@juno.com>

60) [103865] Re: Ham Radio mag on CDs
by Chris Trask <ctrask@qwest.net>

61) [103866] Jay Chamness, W6JAZ, SK
by "Phinizy, William" <wphinizy@filenet.com>

62) [103867] Re: Are knots bad for antennas?
by "Karl B. Staddon" <ve6kbs@agt.net>

63) [103868] Re: level of xmitted RF from dummy load?
by "Ed Manuel (N5EM)" <n5em@flash.net>

64) [103869] Re: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox
circuits
by "Phil (VA3UX)" <phil@vaxxine.com>

65) [103870] another ditter
by Wayne <aa5jj@swbell.net>

66) [103871] Re: 1826z UPDATE: Re: Another "ditter" 14058.5kHz 1755z
by Bruce Rattray <rattray@gpfn.sk.ca>

- 67) [103872] Re: 1826z UPDATE: Re: Another "ditter" 14058.5kHz 1755z
by "Karl B. Staddon" <ve6kbs@agt.net>
- 68) [103873] RE: QRP Miracle Whip
by "Ray Goff" <radioham@gmx.co.uk>
- 69) [103874] 2017z UPDATE: Re: 1826z UPDATE: Re: Another "ditter" 14058.5kHz
1755z
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
- 70) [103875] It's a wrap: Re: Another "ditter" 14058.5kHz 1755z
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
- 71) [103876] Re: Need help on connector type for multi board project
by "Leon Heller" <leon_heller@hotmail.com>
- 72) [103877] FS Keyer
by ac5ez@webtv.net (Larry)
- 73) [103878] RE: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 74) [103879] Jupiter ordered!
by "David Hurley, n2zhy" <n2zhy@amsat.org>
- 75) [103880] Re: Jupiter ordered!
by Phil Wheeler <w7ox@earthlink.net>
- 76) [103881] Re: 2017z UPDATE: Re: 1826z UPDATE: Re: Another "ditter" 14058.5kHz
1755z
by Phil Wheeler <w7ox@earthlink.net>
- 77) [103882] Re: 38 Special BC breakthrough
by "C Andersson" <sm6pxj@swipnet.se>
- 78) [103883] Re: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
by "Tom Bowman" <tbowman@nbn.net>

Date: Mon, 30 Jul 2001 19:53:16 -0400
From: "Ed Tanton N4XY" <n4xy@att.net>
To: "Premium Receivers" <premium-rx@kahuna.sdsu.edu>
Subject: [103806] Mackay-Dymek DA-100 Active Antenna schematic
Message-ID: <CKEGICNFDIMCEKEDCEHFKEKBIAAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Somebody was looking for a schematic on this Active Antenna a week or so ago. I just found one. Look about 1/3 of the way down under the paragraph entitled "Antennas". The URL is:
<http://www.pacificsites.com/~brooke/RCS-5A.shtml#Listening> . This is an interesting website about "Chirp Sounders". If you have trouble printing these jpg's let me know. I have converted them to PDFs and between the two, they're readable.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Mon, 30 Jul 2001 19:49:12 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'WM-Scace@wiu.edu'" <WM-Scace@wiu.edu>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [103807] RE: QRP Miracle Whip
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3560@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Well, "works reasonably well" may have to be taken in context. IMHO, it won't work nearly as well as a hunk of wire and an antenna tuner. I think QST ran it because as a real lightweight down and dirty antenna that can be hauled along WITHOUT having to haul along the tuner, it is a nice construction project.

73,
Ed Hare, W1RFI

> -----Original Message-----
> From: Dragon Singer [mailto:WM-Scace@wiu.edu]
> Sent: Friday, July 27, 2001 2:43 AM
> To: Low Power Amateur Radio Discussion
> Subject: QRP Miracle Whip
>
>
> Hi Gang,
> Wayne K9DI & Sequoia here. I (finally) got a chance
> to read my
> copy of the July QST and had an article catch my eye for a
> "QRP Miracle
> Whip" which purportedly works pretty well on 80-10 meters and
> can also work

> fairly well on 2m and 440. It can handle 20 watts pep on SSB
> and 5 watts on CW
> 73
> de
>
> Respectfully and Sincerely Yours,
>
> Wayne M. Scace
>
> k9di@arrl.net
> LICQ# 315313
> FISTS# 4409
> QRP-L# 2313
> FPQRP-L# 217
> ARS No. 1,082
>

Date: Mon, 30 Jul 2001 19:37:05 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [103808] EPS-1
Message-ID: <200107310008.f6V083028113@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

This weekend, Seab, AA1MY was kind enough to give me an Embedded Research EPS-1 Boost switching supply kit to play with. Today I built it up, but made a mod first, to try something I've wanted to do for a while.

The mod was to isolate the "stand-by" pin on the regulator chip, so the supply could be turned on and off electronicly. This requires making a cut on a track under the chip, so best done before assembly. It also requires drilling a small hole in the board to drop a ground connection from the backplane to pins 6+7.

A pull up resistor is required to the stand-by pin(4). 100K to the input supply does it. This pin is now controled with a 2N7000 mosfet. A 4.7 ufd cap and 100K pull down resistor on the gate of the 2N7000 keeps the supply on for a short time after the turn on voltage is removed.

Since the receiever section of my SMT version of a DSW-30 runs on a 4.5V low drop out regulator, and since the EPS-1 passes the input supply voltage to it's output when it's "off", the rig

works in receive with just 4- AA batteries. When the rig is keyed for transmit, the keying voltage is jumpered over to the input of the 2N7000 switch, (through a diode) to turn the EPS-1 on. I've set the output voltage of the EPS-1 to 14 volts, which now powers the rig during transmit, giving me 1.8 watts of power out. By turning the EPS-1 on only when I need it, I get maximum efficiency.

So, the rig now weighs a scant 7.9 oz with batteries, down 4 oz with the full 8 AA's and up 900 mw in output power. Might have lost a little over all battery life though. I could see going to a 4 pack of "C" cells for an extended backpacking trip, it would weigh about the same as 8 AA's and probably last a lot longer.

Kinda neat, eh?

72,

Steve, KD1JV in the White Mountains of New Hampshire

"Melt Solder"

<http://www.qsl.net/kd1jv/index.html>

Date: Mon, 30 Jul 2001 18:04:59 -0600

From: jaywa5whn@juno.com

To: qrp-l@lehigh.edu

Subject: [103809] Ft. Tuthill '01

Message-ID: <20010730.180504.-843257.0.jaywa5whn@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

My personal thanks to N7XJW, NK7M, N7KT, K7RE & JoAnna {Birthday Gal}, NQ7K, W5JAY {My XYL had won the Tuna Tin & paddle kit for a 4th place entry in the Junk Box Wars}, N7VE {Frequency Counter Kit} & the entire Johnson Family plus a whole list of others, who had contributed in making this a very enjoyable event.

A toast to Dr. MC {KK6MC} for the humor and his attempted bribe of the Junk Box Judges. Keep the Sedona Amber Ale on ice Amigo.

This is an event that entire families and their pets enjoy the visit.

The Balloon launch was very educational. The lower package was hung up in a tall Pine tree for 20 minutes, after launch, but had freed itself. The downlink video was excellent.

WB5QYT had 2 spud launchers present. He said something about he could

free the balloon from the tree.

Everyone was a winner, attending the QRP events.

The main hamfest attendance appeared to be down, but I had watched Icom, Radio Paul, MFJ & HRO. They always had a line of people in front of them purchasing components or radios.

WB5LYJ & I will be there again next year, the weekend after the Glacier-Waterton Hamfest at the 3 Forks Campground near Snowslip, Montana.

...Jay WA5WHN

DM65qd Albuquerque, NM USA

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 30 Jul 2001 20:21:37 -0400

From: "Michael B. Byrd" <sunbyrd@gte.net>

To: qrp-L List <qrp-l@Lehigh.EDU>

Subject: [103810] Latest from Ten meters.

Message-ID: <3B65FA0F.5401F7F6@gte.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"

Content-Transfer-Encoding: 7bit

Good Day,

I have been listening to the NCDXF/IARU beacon network on 28.200 for the last week. It was pretty dead until this past weekend. Sunday the KH6 beacon at Honolulu was very strong down to the milliwatt level. At this location, we have very good propagation to the south. Most of the beacons are S3-S7 on the s-meter and 599+ here. Tonight was a treat when the ZL6 beacon was heard on several rounds. I was able to copy the full call at the 100 watt level, but nothing else at lower levels. I also copied several other partial calls at the 100 watt level such as VK6. There was a not much noise and I could here other activity on frequency, but couldn't copy any calls.

I am ready for a little QRP DXing on 10 meters, come on old Sol.

Michael, WD4MFB

Date: Mon, 30 Jul 2001 18:07:47 -0700
From: Lee Hopper <leehop@qwest.net>
To: n2zhy@amsat.org, QRP-L <qrp-l@Lehigh.EDU>
Subject: [103811] Re: TenTec Jupiter
Message-ID: <3B6604E3.5050506@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

David -

I'd be vy interested in the responses you get - please post to the list or to me personally -

I've also been interested in the Jupiter - looks like a nice radio and a very decent price (~1200) including if-dsp.

I've also considered the IC-746 - also w/ if dsp, 6M & 2M and internal autotuner at abt 1250.00 from Am Elec Supply.
<http://www.icomamerica.com/>

I don't know how to value the software upgradability of the Jupiter - alas, it seems some companies don't deliver on this promise, although so far I've had good results with ten-tec kit rigs & service. Especially service - they can be a pleasure to deal with over the phone. No email support though. Elecraft has spoiled us! Maybe you should build a K2 and the forthcoming (have faith!) amp - you'd have 100W and the best receiver you can buy. No if-dsp though. I wonder how important that really is? I wonder how the K2 with an audio digital noise filter like the Timewave DSP599ZX (abt 400.00) would compare to the Jupiter???

<http://www.timewave.com/amprods.html>

Your collective thoughts would be appreciated.

Tnx -

Lee Hopper, KD7CTF
Portland, OR

=====

David Hurley wrote in part:

> Ok, the rig I'm lusting after today is the TenTec Jupiter.

Date: Mon, 30 Jul 2001 21:30:15 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Subject: [103812] 9Y4/DL2RVS/QRP on 14.060 @ 0233Z
Message-ID: <5.1.0.14.0.20010730212536.025f3580@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

9Y4/DL2RVS/QRP on 14.060 @ 0233Z

Volker running 5W to 2-ele in Port of Spain, Trinidad. About 559 into the Midwest with QSB. Working KA3WAJ at 0235Z. No pile-up.

Worked with 1 watt on Argo 509 and St. Louis Quickie Vertical.

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Tue, 31 Jul 2001 02:37:07 -0500
From: "Jerry Scherkenbach" <jerrys@execpc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [103813] Final Log of Foxhunt #10 - N9AW
Message-ID: <002a01c11993\$9b85ab00\$da89cfa9@Pjerrys>

Nothing like keying in a log and transposing a few characters. Here's the final corrected log for my foxhunt on 7/27/01 (GMT).

Thanks again for the nice QSOs.

72
Jerry N9AW

Time	Call	RST	State	Name	Power
0200	N1FN	559	CO	ET	5
0200	KE6RS	559	CA	RON	5
0201	W5USJ	559	TX	CHUCK	5
0202	K5YU	559	TX	HARV	5

0203 N5TW 559 TX TOM 5
0203 VE6EX 559 AB DAN 5
0204 W5YR 559 TX GEORGE 5
0204 N1EU 559 NY BARRY 5
0205 VE6JAZ 559 AB BOB 5
0206 VA6RF 579 AB EARL 5
0207 NK6A 559 CA DON 5
0207 N6WG 559 CA BOB 5
0208 K0FRP 579 CO AL 5
0208 K4FB 559 FL PAUL 5
0209 NQ7X 559 AZ FLOYD 5
0209 AC5JH 559 OK TOM 5
0209 W9XT 559 WI GARY 5
0220 N5IB 559 LA JIM 5
0211 K4MF 559 FL GARY 5
0213 W4NJK 559 CA CHARLIE 5
0214 N5YFC 559 LA WAYNE 5
0215 W5XU 559 LA DAVID 5
0216 K5DW 559 TX DON 5
0218 HA8IH 579 HA TONY 5
0219 K5LN 559 TX BILL 5
0220 K5AAR 559 OK DON 5
0221 N1TP 559 TX TOM 5
0221 K5JHP 559 TX BILL 5
0222 NK0E 559 CO DAVE 5
0222 N4ROA 559 VA DAN 5
0224 WA7SPY 559 CA GLENN 5
0225 W9UQB/7 559 AZ MIKE 5
0227 KM5VY 559 NM TOM 5
0228 NK9G 559 WI RICK 5
0228 WA9TZE 559 WI JIM 5
0228 NM5M 579 TX ERIC 3
0230 K4BYF 559 FL JACK 5
0230 AA7XA 599 OR FRANK 5
0231 NN5E 559 TX VERN 1
0232 AD6JV 559 CA BILL 5
0233 K1VP 559 NH ED 5
0236 KG4FSN 559 FL JUAN 4
0238 W9XU 559 WI LON 5
0242 AJ9U 559 WI BOB 5
0245 KI0RB 559 CO VINCE 5
0247 K5OI 559 NM TIM 5
0248 N5JI 559 TX RICH 5
0249 KI0II 559 CO RON 5
0253 KK7GG 559 OR MIKE 5
0256 VE5RC 599 SK BRUCE 5
0259 N2WW 559 CO LARRY 5
0302 K7FD 559 OR JOHN 5

0304 WE9K 559 WI GLENN 5
0306 KD7CTF 559 OR LEE 5
0315 K5DI 559 NM KARL 5
0322 AA7EQ 559 AZ BOB 5
0326 NQ7T 559 WA GARY 5
0328 OK1FQT 559 OK KAREL 5
0329 K5EOA 559 LA WAYNE 5
0330 LZ2RS 579 LZ RUMI 5
0331 OK1KVR 559 OK JIRI 5
0335 W9RN 579 WI NOLL 5
0341 UA1FJ 559 UA YURI 5
0344 KC1FB 559 CT JIM 3
0350 AC7CF 559 UT ANDREW 3
0352 K0EVZ 339 ND DOC 5
0354 AG0T 559 ND TODD 5

Date: Mon, 30 Jul 2001 20:03:17 -0500
From: Bill Stietenroth <k5zty@juno.com>
To: qrp-l@lehigh.edu
Subject: [103814] Thanks
Message-ID: <20010730.214024.-3853923.3.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I received the PSK 80 Warbler kit that was given for winning the Home Brew Sprint in the mail today from the New Jersey QRP Club.

Thanks to Joe Everhart, George Heron, Ken Newman, and the whole NJ QRP bunch for all the fun.

Bill, K5ZTY
Houston, TX

Date: Mon, 30 Jul 2001 22:46:28 -0400
From: David Newkirk <dpnewkirk@home.com>
To: qrp-l@Lehigh.EDU
Subject: [103815] Re: 17mtr DSB: receiver refinements
Message-ID: <01073022462800.01438@gk7>
Content-Type: text/plain;

charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Bill Meara, N2CQR, wrote:

[deletions]

"Right after I built the receiver, I was browsing through some old QSTs and came across the November 1968 issue. Wes Hayward, W7ZOI, and Dick Bingham, W7WKR, had an article entitled "Direct Conversion - A Neglected Technque." This must have been the piece that launched the DC revolution."

It was -- mainly because Wes also sent the hardware to ARRL HQ, where it impressed Doug DeMaw, who went on a dc-receiver crusade over the next several years to the point where you'd think he'd always been interested in the technique. Note that Wes and Dick didn't claim to be "first" with direct-conversion; for instance, they were careful to cite the early-60s article by White, who described a balanced-detector direct-conversion receiver using vacuum tubes (the detector was a pair of 6SB7Ys). And any regenerative detector or crystal set does direct conversion, too.

[deletions]

"I know many people advise against RF amps ahead of the mixers in DC receivers, but I wanted to get the two tuned circuits in there. I'm glad I did."

That an RF amplifier must be present to add signal-frequency selectivity is a fallacy originated in the days before "modern" filter design was developed. You can get as much or better RF selectivity out of two tuned circuits by incorporating them into a two-resonator (top-coupled, bottom-coupled, whatever is appropriate) filter with no amplifier in between. Whether you may need additional amplification or not depends on whether the filter's insertion loss is tolerable. (And BTW, the "grounded-gate JFET amplifier between two tapped tuned circuits" RF amplifier often seen in vintage solid-state ham projects makes a bad RF amplifier *and* a bad filter; it's potentially unstable and the JFET's source-to-drain capacitance tends to overcouple the two tuned circuits above perhaps 7 MHz or so -- just lift tsuch a stage's power supply lead for awhile and see how many signals you still hear! A grounded gate does *not* provide the same kind of electrostatic shielding as a grounded vacuum-tube grid.)

[deletions]

"[Concerning a gain control] (The RX in the Nov. '68 article didn't have one either. The authors suggested detuning the caps in the front end if you needed to reduce gain.)"

Yes, and they also pointed out their three-stage AF amplifier design overloads pretty gracefully, essentially providing audio limiting. Having built a copy of that receiver myself, I confirm that effect.

"One deficiency I can hear involves very strong SSB signals. Even if they are completely out of my tuning range, I can hear the "monkey chatter." Tuning the RX does not affect the sound. Same chatter no matter where I tune. Anyone have any thoughts on how to cure this?"

If what you mean by "monkey chatter" is what SSB sounds like when tuned in in "AM mode", what you're hearing is rectification detection in the mixer and/or your AF stages (the mixer is more likely; but both modes can be present at the same time). Assuming that mixer overload is the major contributor, it's occurring because the mixer is overdriven (cutting down on the RF input/gain would help), improperly terminated, and/or underdriven by your local oscillator. I consider RF overdrive and LO underdrive to be the two main suspects.

[deletions]

"I used some ordinary switching diodes in the mixer. Does anyone think that the RX would work significantly better if I replaced them with the recommended Schottky diodes?"

Probably, but diode matching is as or more important. That said, if your current mixer is LO-underdriven, using Schottky diodes would allow whatever LO power you have to turn the diodes on harder, making the mixer more overload-resistant. For what it's worth, I don't build my own mixers; the commercial ones work better and are smaller than anything I can build easily, and free up construction time I'd rather spend elsewhere.

73,

Dave Newkirk, W9VES
dpnewkirk@home.com

Date: Mon, 30 Jul 2001 20:57:58 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [103816] Re: Ft. Tuthill '01
Message-ID: <B78B7AD5.C254%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Jay - Re your comments;

?A toast to Dr. MC {KK6MC} for the humor and his attempted bribe of the Junk Box Judges.?

Again this was a significant misunderstanding. Most unfortunate.

"Things are seldom what they seem, skim milk masquerades as cream"

See you all next year at Tuthill. They have a neat surprise planned. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Mon, 30 Jul 2001 22:14:49 -0500
From: "Craig Johnson" <cbjohns@mn.mediaone.net>
To: <qrp-1@Lehigh.EDU>
Subject: [103817] Need help on connector type for multi board project
Message-ID: <002b01c1196e\$f5a12440\$6501a8c0@CBJP2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QRPers

A friend and I have been working on a digital VFO project for some time. It uses a 16F84 and a 16F877 PIC microcontroller and an AD9854 DDS. In the current configuration we are using 2 boards, but we are now changing the design to use 3 boards. One board will have two PICs, the second will have one PIC, and the third board will have the AD9854 DDS.

My question is with regards to the type of connectors to use to pass the signals and power between the 3 boards. We need some suggestions about the reliability of various connection methods. We have about 6 signal lines passing from one board to the next, along with power (5v or 3.3v) and ground. We have the 5v and 3.3v power regulators on one board.

In the first version we used headers and wires with solder-on connector sockets. However, since this is a prototype and we were constantly

connecting and disconnecting them (and also moving the boards around a lot), the connections always seem to be breaking off. They do not rugged enough to be reliable. This probably would not be a problem in a final design to be enclosed and a case, but for a prototype it really is a problem.

Our next attempt was to use modular plugs/sockets. This is the type of plug/socket used for telephone wires, except we were using a 6-pin version and an 8-pin version. This has not proven to be very reliable either. We may possibly be able to get this to work for passing signal lines between the boards, but it appears that it will be a problem to pass the 5v power between the boards with this type of connector. Even the reliability of the signal lines seem to be questionable. These connector cables use crimp-on connector plugs.

Another connector method we have been considering trying is the type of "slide on" connectors that used to be common with computer 5.25" floppy disk drives. They have "finger connectors" that are about 3/8" long and extend out to the board edge. We would then use a floppy disk connector cable with a socket that slides over the board's edge connector fingers. These seem to have more surface area for a more solid connection.

We would appreciate any suggestions that you may have any of these type of connections.

Are there more "rugged" modular plugs/sockets that we should be looking at?

Thanks!

72,
- Craig, AA0ZZ (and Bruce, AA0ED)

Date: Mon, 30 Jul 2001 23:17:03 -0400
From: dave <dave@dpomeroy.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [103818] relay
Message-ID: <01073023170300.00924@dave>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

I finished an Amp from Communication Concepts. 5 watts in 140 watts out. It works great and I have had only 1 problem. The directions say to hook some flexible coax for input and output to the wiper on the relay. I did that,

but the relay hangs once in a while. Anyone have any suggestions. A different relay, a different wiring scheme? I'm open for suggestions. Thank for all of your time.

--

Dave Pomeroy K8DNP SouthWestern Michigan

Date: Mon, 30 Jul 2001 22:46:10 -0500
From: ted kell <tedkell@ev1.net>
To: qrp-l@Lehigh.EDU
Subject: [103819] Re: Are knots bad for antennas?
Message-ID: <200107302247406.SM00620@mypc>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, I have been told that with rope, the tensile strength of the rope can be seriously degraded depending on the knot. I don't have any specifics about which knot is weak/strong.

N3Ted

7/30/01 2:30:08 PM, Goran Hosinsky <hosinsky@jet.es> wrote:

>On wire antennas I often make bow-knots to connect supporting lines etc.
>
>My portable antennas can have many knots as I split them up for use
>on different bands. Is this bad practice?
>
>Instructions for ATU constructions and for lightning protection
>installations tell you to use slow bends, not angles. In an antenna
>I suppose that you can get kind of reflected wave from the knot, but
>that will be taken care of by the ATU at the end.
>
>Do I loose radiated energy by having a string of bow-knots on my
>antenna wire? When running portable qrp one has to see to that
>each mW is used in the best way possible.
>
>73
>Goran ea8yu La Palma Island
>
>
>

Date: Mon, 30 Jul 2001 23:42:06 -0500
From: Wayne <aa5jj@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103820] Any Clubs putting any Resistor, capacitor or tprod kits together.
Message-ID: <003501c1197b\$26d74b00\$d761fea9@Wayne>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hello needing to build up a few parts are there any Clubs thinking about putting together any Kits in the near future, i am getting into building little projects and need a few parts to get started with.

73 good QRPing Wayne AA5JJ

Date: Mon, 30 Jul 2001 23:27:53 -0600 (MDT)
From: mugglesto@ecentral.com
To: james reid <1reidj@clark.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103821] Re: Homebrew Dials
Message-ID: <Pine.LNX.4.10.10107292002000.3835-100000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

One thing I do is use the mirror function and have my printout copied onto a transparent overlay. This way when you mount the overlay on your case all the background color shows through AND the ink is UNDER the plastic so it doesn't rub off.

I haven't had the chance to download the program that was listed but I have two questions

- 1 - will it do a mirror image and
- 2 - is the source available to get it to run under Linux?

Brad Muggleston, KI00T
Aurora, Arapahoe Cty, Colorado
DM79oq 39.692500N 104.802600W
CQC #170, QRP-L #316, NorCal #2934

On Wed, 25 Jul 2001, james reid wrote:

> Somewhere out there in cyberspace, there exists a shareware program to
> generate frequency dials. You would generate your frequency dial, print it
> and then paste it onto your front panel. The program would generate one or
> more semi-circles and then place little nubbins and numbers for the
> calibrated frequency around the arc. Does this ring a bell? Where can I
> find it?
>
> Jim, KD3S
>
>

Date: Tue, 31 Jul 2001 01:01:59 -0500
From: Wayne <aa5jj@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103822] P-Tick Keyer "side tone audio"
Message-ID: <000701c11986\$50080720\$d761fea9@Wayne>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hello is there a place on the IC chip to get audio except where the on board speaker get its from, the little speaker on board is used to program the keyer but if you use it as a side tone it uses up the battery to soon and has very low volume, I have a small amplified speaker and want to use it as a side tone speaker, any help Please,,,,,, 73 Wayne AA5JJ

My first contact with the P-Tick Keyer was XE2/W0IS YEA hi hi

Date: Tue, 31 Jul 2001 06:52:03 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: cbjohns@mn.mediaone.net, qrp-l@Lehigh.EDU
Subject: [103823] Re: Need help on connector type for multi board project
Message-ID: <F2121YcEBdyFj9ZYhtB0000ce17@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>In the first version we used headers and wires with solder-on connector

>sockets. However, since this is a prototype and we were constantly
>connecting and disconnecting them (and also moving the boards around
>a lot), the connections always seem to be breaking off. They do not
>rugged enough to be reliable

I've always used Molex connectors for this type of thing, and found them
very reliable, both for prototypes and in production. You must crimp the
connectors on with the correct tool. If you solder them they tend to break.
A low-cost tool is available - less than \$20 I think.

73, Leon

--

Leon Heller, G1HSM

Tel: +44 1327 359058

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Tue, 31 Jul 2001 01:23:50 -0700 (PDT)
From: Bob Patten <n4bp@yahoo.com>
To: Elecraft Reflector <elecraft@qth.net>
Cc: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [103824] N4BP BB#26 FOBB
Message-ID: <20010731082350.71075.qmail@web14304.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The site for Bumblebee #26 was at a roadside rest area on
Alligator Alley, about 35 miles from the Atlantic in the
heart of the Florida Everglades. Only in Florida would a
roadside rest area worker use a weed whacker to mow an acre
of grass! Naturally, he started exactly where I planned to
put up my vertical, at water's edge. The "mowing" was to
continue through the entire sprint. I set up the station
at a picnic table and ate lunch. When the worker finally
took a break, I bribed him with a coke to let me put up the
antenna and move a little further down the canal to
continue his work. NOISE was to be the story of this
entire exercise in frustration. At the start of the
sprint, a family including seven screaming kids moved to
the second picnic table under my shelter. Eventually, they

moved to the dock to try their luck at fishing. But that was short lived relative quiet before the approaching thunderstorm chased them back to the table next to me. Halfway through the forth hour, I finally succumbed to the racket from the weed whacker, screaming kids, and storm static, and quit half an hour before the official end. Conditions seemed rather poor from south Florida. Signals were generally weak on 20M and activity was practically non-existant on 15M. I could not scare up a single QSO on 10M to save my life. Here are the numbers:

20 Meters 64 QSO's

15 Meters 21 QSO's

=====

Total 85 QSO's X (28 Bees X 3) = 14,280

Oh, and did I mention the fire ants and mosquitos?

=====

73, Bob Patten, N4BP Plantation, FL

E-Mail: n4bp@yahoo.com Website: <http://www.qsl.net/n4bp>

QRP ARCI #3412 FISTS #7871 ARS #799 SOC #1 Whiners #6

Do You Yahoo!?

Make international calls for as low as \$.04/minute with Yahoo! Messenger

<http://phonecard.yahoo.com/>

Date: Tue, 31 Jul 2001 18:09:24 +0900

From: OJ Loughheed <ojl@nerpa.net>

To: qrp-l@Lehigh.EDU

Subject: [103825] 160 M QRP Rigs

Message-ID: <103130302b78c22b80b93@[195.206.50.163]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I'm a semi-retired U.S. citizen and ex-N5JXU living in the Lake Baikal region of Siberia. This fall I hope to help start a Radio Sport Club for some kids on Olkhon Island in the middle of Lake Baikal. No electricity, phones, internet, minimal QRN, lots of space for antennas... and lots of sun! 300 kids in the local school wanting to connect to the world!

The Russian 4th Class "no-code" ticket for 8 year-olds and up allows 5 watts on 160. 6 wpm gets a 3rd Class license with CW on 80, 15, and 10 M. Both get 2 M and above again 5 watts max.

What QRP kit(s) would be most easily modified for entry level 160? Anyone use the Digikey X002-ND 1.8432MHZ ECS Inc. Crystal in the HC49/U case for 160 work. Anyone working PSK-31 on 160?

If interested check out <http://www.nerpa.net/ES0/>

Thx and 73,

OJ

O.J. Loughheed, Founder
NerpaNet - Baikal Youth and Community Network
<http://www.nerpa.net>
personal page: <http://www.nerpa.net/en/friends/Loughheed>

Date: Tue, 31 Jul 2001 07:18:18 -0400
From: "Ed Tanton N4XY" <n4xy@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103826] RE: relay
Message-ID: <CKEGICNFDIMCEKEDCEHFIELKIAAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Yes... if it is actually experiencing contact-sticking, then get a new relay. If, it is just messing up, timing-wise (as I suspect) it would be from one of two likely sources: a) the timing decides it should renew the delay time at the wrong moment; or, 2) it is getting some extra RF from somewhere.

If the former, I would use DC switching for T/R as an adjunct-meaning if it is (as I suspect) RF-actuated, add a switch and actually switch from rx > tx and vice-versa (but do NOT remove the RF-powered switching). You might also mess with the timing components for that RF-detect circuitry. Or, b) add more bypassing to the relays, etc. but of course do not ruin the RF pickoff. One thing about bypassing: 3 caps in parallel (0.001, 0.01, & 0.1ufd) are actually BETTER than just their 3 values. Has something to do with multiple phase angles, or something. Doesn't matter why... they really are better.

My TR-7 used to do this all the time on both input (w/ an RF-powered preamp) and output (with a linear.)

Hope this helps Dave.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Tue, 31 Jul 2001 05:53:35 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: OJ Loughheed <ojl@nerpa.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [103827] Re: 160 M QRP Rigs
Message-ID: <Pine.LNX.4.33.0107310545500.1129-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OJ, I think most of the kits for 40 meters can be moved up to 160 meters with a change in crystals and coils. I suggest you look for an available kit and figure out how to modify it.

I built the SMK-1 kit which has surface mount components and a direct conversion receiver. You can build a 5 watt amp using a power FET from Radio Shack. This kit is very cheap, but might cost a lot to get through the mafia.

The SMK-1 should be capable of moving to 160 meters with just a change in 2 crystals, and perhaps a few more turns on some inductors.

On Tue, 31 Jul 2001, OJ Loughheed wrote:

> I'm a semi-retired U.S. citizen and ex-N5JXU living in the Lake Baikal
> region of Siberia. This fall I hope to help start a Radio Sport Club for
> some kids on Olkhon Island in the middle of Lake Baikal. No electricity,
> phones, internet, minimal QRN, lots of space for antennas... and lots of
> sun! 300 kids in the local school wanting to connect to the world!
>

> The Russian 4th Class "no-code" ticket for 8 year-olds and up allows 5
> watts on 160. 6 wpm gets a 3rd Class license with CW on 80, 15, and 10 M.
> Both get 2 M and above again 5 watts max.
>
> What QRP kit(s) would be most easily modified for entry level 160? Anyone
> use the Digikey X002-ND 1.8432MHZ ECS Inc. Crystal in the HC49/U case for
> 160 work. Anyone working PSK-31 on 160?
>
> If interested check out <http://www.nerpa.net/ES0/>
>
> Thx and 73,
>
> OJ
>
>
> O.J. Loughheed, Founder
> NerpaNet - Baikal Youth and Community Network
> <http://www.nerpa.net>
> personal page: <http://www.nerpa.net/en/friends/Loughheed>
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Tue, 31 Jul 2001 08:20:01 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: cbjohns@mn.mediaone.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [103828] Re: Need help on connector type for multi board project
Message-ID: <3B66A271.B952EE59@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Craig Johnson wrote:

>
> A friend and I have been working on a digital VFO project for some
> time. It uses a 16F84 and a 16F877 PIC microcontroller and an
> AD9854 DDS. In the current configuration we are using 2 boards, but
> we are now changing the design to use 3 boards. One board will have
> two PICs, the second will have one PIC, and the third board will

> have the AD9854 DDS.

Sounds like a fascinating project; I'd love to hear about it once you have it working. I trust this isn't for a portable design; my understanding is that the 9854 is a power hog.

> In the first version we used headers and wires with solder-on connector
> sockets. However, since this is a prototype and we were constantly
> connecting and disconnecting them (and also moving the boards around
> a lot), the connections always seem to be breaking off. They do not
> rugged enough to be reliable. This probably would not be a problem
> in a final design to be enclosed and a case, but for a prototype it
> really is a problem.

Computer boards often use header pins and ribbon-cable plugs for interconnects. If you're expecting the connection to be made more than once or twice, the board connectors that enclose the header pins with a plastic connector are a good idea; they make it much easier to plug the thing in straight. The cables used for disk drives in computers, and the ones used to connect the serial and parallel ports to the motherboard on older PCs, are examples of this type of connection. But they use IDC press-fitted cables, not soldered-on wires; if you're using this type of interconnect, you should spend the money to get the tool for pressing the connectors on properly, rather than fussing with individual soldered wires.

> Our next attempt was to use modular plugs/sockets. This is the type
> of plug/socket used for telephone wires, except we were using a 6-pin
> version and an 8-pin version. This has not proven to be very reliable
> either. We may possibly be able to get this to work for passing signal
> lines between the boards, but it appears that it will be a problem to
> pass the 5v power between the boards with this type of connector.
> Even the reliability of the signal lines seem to be questionable.
> These connector cables use crimp-on connector plugs.

I would try again using RJ-45 connectors (the larger modular connectors used for twisted-pair Ethernet), and perhaps using manufactured cables (they come in lengths down to 1 foot) rather than ones you make yourself. These connectors are quite reliable in computer networks, and are likely to work well for board interconnects as well.

The 8-conductor cable used with these connectors comes in solid and stranded wire versions. The solid wire is used for fixed cable runs (in and along walls and so forth); stranded wire is used for the short whips that go from the wall jacks to the computers. You'll want stranded wire for your purposes, because it's more flexible. It's much harder to find on spools, though, and more expensive. The short cables that you can buy pre-made are usually made with stranded wire; if you're not sure about a

specific cable, just try bending it.

Another thing to watch out for: the connectors come in separate varieties for solid and stranded wire cable; the connectors do not work reliably if you use the wrong type for your cable. The connectors for solid wire are much easier to find, and unless the package says the connectors are intended for stranded wire, they're not. This is because most network installers buy the short cables pre-made, but sometimes need to install connectors on long fixed cable runs.

By the way, this cable uses twisted pairs of wires, rather than 8 flat wires. The ordering of the pairs on the connector is a bit peculiar; the paired wires aren't always next to each other. If you're carrying any differential signals, you'll want to put them on an actual wire pair.

The wires in these cables are #24, and the connectors aren't designed for high power handling. If you're passing more than 100ma between boards (and you will be if you're using a 9854, unless you bring the power into that one and distribute from there), you may want to use another connector for the power and ground lines.

> Another connector method we have been considering trying is the type of
> "slide on" connectors that used to be common with computer 5.25" floppy
> disk drives. They have "finger connectors" that are about 3/8" long and
> extend out to the board edge. We would then use a floppy disk connector
> cable with a socket that slides over the board's edge connector fingers.
> These seem to have more surface area for a more solid connection.

The main problem with card edge connectors is that they require precision board manufacturing; the cut size and shape of the board and the placement of the fingers must be accurate, or else the connectors won't work properly. This adds to the manufacturing cost of the boards, and is difficult to get right with home tools if you're making the boards yourself. Aside from that, they are rugged and reliable. Again, though, you'll need the proper tool to put the connectors on the cable, unless you use some common size like the ones that used to be common in computers and buy the cables ready-made.

> Are there more "rugged" modular plugs/sockets that we should be
> looking at?

Beats me. Perhaps other people will have answers.

Mark Dulcey KE1L

Date: Tue, 31 Jul 2001 09:10:50 -0400
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [103829] CW key, paddle, bug and CW items FS
Message-ID: <010101c119c2\$3a33aee0\$6591d4d1@toshiba>

For Sale:

I have a Nye Viking "Master Key" for sale.
It came from a silent key estate, and is model
330-001. This is the "top of the line" straight key.
It includes cord and connector, and can be
seen at <http://www.morsex.com/nye/index.htm>
These are the nicest straight keys I have ever used.
It almost makes one want to leave the keyer and
go back to a straight key! It looks to be very close
to new. \$ 50

Bencher BY-1 paddles.
Late model, black base, with chrome parts, and
gold contacts. \$ 65

Vibroplex Bug
This is the "Champion" model. 1939 vintage.
Black rectangular base, with chrome parts.
756 Fulton Street, Brooklyn, NY address.
Nice condition for \$ 120.

MFJ 557 code practice oscillator
with straight key. Just Like new. \$ 20

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@fdt.net or W8EK@netzzero.com
Voice Phone (352) 732-8400

Date: Tue, 31 Jul 2001 08:49:31 -0500
From: Dave Sjolin <sjolin@swbell.net>
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [103830] FOX: N0IT/N0RC CUB FOXES TONIGHT
Message-ID: <3B66B76B.AB27C36E@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hello again, it's time for another CUB FOX hunt. After eating dinner tonight, stop by and work me (N0IT) and my partner, Rod, N0RC.

There are a lot of you out there that need these pelts, so give us a call and we will be happy to oblige. Even if you dont need them, stop by, it gets lonely after the first half hour, sometimes after the first fifteen minutes. :-)

TIME: 0200z - 0400z, 01-August-2001
2100 - 2300 CDT, 31-July-2001

I'll be somewhere around 14062. If for some reason that segment around 14062 is full, I will try to find another frequency nearby. Rod will be a little lower in frequency (I believe he said between 14050 and 14056).

I'll be calling CQ FOX N0IT, and operating at 13 WPM. If there's a pile up please don't call on my TX frequency as a courtesy to others. I'll be listening +/- 1kHz or so from my TX FREQ. Mostly +/- 500 hz, so don't stray too far from frequency.

The exchange will be:

ME to YOU:

<YOUR CALL> DE N0IT 559 MO DAVE 5W <YOUR CALL> BK

YOU to ME:

N0IT DE <YOUR CALL> <RST> <SPC> <NAME> <YOUR PWR> <YOUR CALL> BK

I'll then QSL or ask for fills. If I need a fill I'll send:

RST? BK
SPC? BK
NAME? BK

-or-

PSE RPT?? (Reserved for when I blow it all)

Listen carefully. When I send TU, we're done, and I'll look for the next QSO by sending something like:

QRZ? FOX DE N0IT

My setup will be TS940S, into an R5 vertical mounted over my deck. No beam to swing!!<GRIN>

Dont miss it. Stop by and pick up a couple of pelts.

73 de Dave, N0IT

Date: Tue, 31 Jul 2001 10:43:48 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [103831] The EPS-1 DC-DC Converter Kit
Message-ID: <41.ee705e1.28981e24@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

After a recent referral to the EPS-1 I looked up the specs and noted it is limited to 0.5 amps which is not going to make it on some of the more common newer QRP rigs. Does anyone have plans for a 12v dc-dc converter with capability of 1.5 A or more?? Thanks--Alan KB7MBI

Date: Tue, 31 Jul 2001 10:45:47 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <dave@dpomeroy.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [103832] RE: relay
Message-ID: <000001c119cf\$7cc9a900\$df0cf618@alex>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dave:

I usually use a short length of flexible braid when making connections to my relays. Solder-Wick works really well. I jumper it from a terminal post to the relay, feeding the coax to the terminal post where it's firmly staked

down.

GL, es vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of dave

Sent: Monday, July 30, 2001 11:17 PM

To: Low Power Amateur Radio Discussion

Subject: relay

I finished an Amp from Communication Concepts. 5 watts in 140 watts out.

It

works great and I have had only 1 problem. The directions say to hook some flexible coax for input and output to the wiper on the relay. I did that, but the relay hangs once in a while. Anyone have any suggestions. A different relay, a different wiring scheme? I'm open for suggestions.

Thank

for all of your time.

--

Dave Pomeroy K8DNP SouthWestern Michigan

Date: Tue, 31 Jul 2001 12:03:07 EDT

From: Shepherd@aol.com

To: <qrp-l@lehigh.edu>

Subject: [103833] FP BB Newsletter

Message-ID: <f4.d458cb2.289830bb@aol.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

The Flying Pigs newsletter for August is now online.

<http://www.mpna.com/fpqrp/news.html>

Thanks, and as always if you have something to add to our newsletter, please pass it along to me.

72, oo

Dan, N8IE

Date: Tue, 31 Jul 2001 09:16:10 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [103834] Re: Mackay-Dymek DA-100 Active Antenna schematic
Message-ID: <MABBJ0EAB0ILMKCJCLFCMEIOCJAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed: I copied the schematic at
<http://www.pacificsites.com/~brooke/RCS-5A.shtml#Listening> into Microsoft
Word and reduced it to fit one page.
Printed out quite adequately on my laser printer.
73, Bob N6WG

Date: Tue, 31 Jul 2001 11:58:40 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: cbjohns@mn.mediaone.net
Cc: qrp-l@lehigh.edu
Subject: [103835] Re: Need help on connector type for multi board project
Message-ID: <200107311629.f6VGTf014693@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> A friend and I have been working on a digital VFO project for some
> time. It uses a 16F84 and a 16F877 PIC microcontroller and an
> AD9854 DDS. In the current configuration we are using 2 boards, but

Wow, talk about distributed processing! I just finished building a
four band rig with a 9850 VFO and used a single 89C51 to run the
whole show, including built in keyer. Having 32 I/O pins is handy :-)

I used single row SIP pins and plugs for all the I/O connections,
with ribbon cable simply soldered to the pins on the plugs. Seems
reliable enough, seeing a couple of them had to be unplugged a
zillion times to access the uP durring code debugging.

Another good option is to use the dual row SIP pins. Cables with the
plugs already crimped to the cable are readily available premade in
various lengths and number of pins, and aren' t all that expensive to
buy. You can also buy the cable with DIP plugs already crimped to
the cable, if you want to stick to using IC sockets for the jacks.

Another possibility is to make the boards stack, using board mounted SIP pins and plugs. There are some advantages in using this technique, rather than running cables between all the boards.

Good luck on the project!

72,

Steve, KD1JV in the White Mountains of New Hampshire

"Melt Solder"

<http://www.qsl.net/kd1jv/index.html>

Date: Tue, 31 Jul 2001 12:31:53 -0400
From: "Paul Christensen" <paulc@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103836] FA: WBL V22L Iambic Paddle
Message-ID: <002401c119de\$510990a0\$6401a8c0@paulch>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those interested, I have available (on that e-auction thing) a WBL V22L iambic paddle. For more info, click on the link below. Thanks.

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1260578013>

Date: Tue, 31 Jul 2001 13:03:35 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [103837] Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
Message-ID: <20010731.130345.-563499.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

1. Unless I hallucinated real good, I remember hearing somewhere that the old Ham Radio Magazine that lasted from just before I got my license until just after Chernobyl had been put on a CD set. So I need to ask: Was I hallucinating or what?

2. I saw an advert on Ebay just today for a PRC10. The only problem for me was the price & the fact that I'd just use the box to put a 40m SSB transceiver in. A long time ago ("long back time," as they say in some pidgins) I had one of them PRC10s but I lost all interest or the parts. So now I'm lookin' for another 'n what I can disassemble & lose the parts for too. Again.

3. Being as I'm weird (no need to respond to that 'n), I'm also lookin' fer some low power, low current, low voltage cheap-and-dirty VOX circuit. For the '2020. Which I ain't gonna build in the '2020, 'cause after payin' \$90 to not being able to fix it myself, I ain't applyin' screw drive one to any part of that radio. Lernt my lace-n, as they say. So now all I need is . . .

And the other night I finally got around to rewinding the coils for the 160m end of my much-revised version of the "Ultimate Transmatch." Funny thing is, it works good in the 75/80 m position. I think I'm hallucinating that too, but we won't know until it's 160m time. (Kinda like "Gjetost time!" or "Beef-jerky time!" but without the accent.) In the meantime there's always 40m. (Which has always been & continues for reasons unknown to be one of my favorite "sit & listen" bands.)

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!

--- Comrade Nikolai Sergeevich McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 31 Jul 2001 11:07:46 -0600

From: "Rod Cerkoney, N0RC" <rod@n0rc.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [103838] FOX: Cub FOX Reminder

Message-ID: <00ab01c119e3\$52bdde10\$6401a8c0@c919125b>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

OK Hound Dogs!

Catch us if you can.

TIME: 0200z - 0400z, 01-August-2001
2100 - 2300 CDT, 31-July-2001
2000 - 2200 MDT, 31-July-2001

I'll be somewhere between 14050 and 14056, I will be listening UP
~1kHz. I'm not saying anymore; an attempt to make things more
challenging/interesting. I will not be answering calls on my TX Freq.
until the pack thins out. Dave has announced he will be near 14062,
full details for Dave and myself are in earlier postings:

<http://listserv.lehigh.edu/lists/Archives/qrp-l/0193.html>

<http://listserv.lehigh.edu/lists/Archives/qrp-l/0241.html>

Last time out I did 30-35 QSOs, my goal this evening is 50. Hope you
turn out to help me make it.

I'm also looking for those last four states to complete QRP WAS. I'm
not saying what those states are, I want to do it the old fashion
way-by the luck of the draw.

73, Rod NØRC
Ft Collins, CO

Date: Tue, 31 Jul 2001 11:17:24 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Elecrafft <elecrafft@qth.net>
Subject: [103839] picture this
Message-ID: <Pine.LNX.4.33.0107311103180.26127-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...picture this...

...Bonnie wanders by the ham shack...all looks normal....Bruce is inside
sitting in his chair bending over the work bench with his back to the door

...the work bench 60 watt light is on...Bonnie's about to continue on when her hearing, which is much better than Bruce's, detects a strange intriguing sound...a sound so soft that it demands Bonnie's immediate attention...she tilts her head slightly to clearly hear a very soft "whfff", "whfff", "whfff" approximately every 2 seconds....the cycle repeats ten times...Bruce then fusses with something in front of him that Bonnie cannot see... the cycle repeats...Bonnie then notices inbetween "whffs" an almost vertical thin line of white smoke rising which immediately after each "whfff" disperses...Bonnie considers entering the ham shack but hesitates and thinks "Oh well, it keeps him busy.'" and walks softly away.

.....72 - Hambly, the Scribe.

Date: Tue, 31 Jul 2001 17:25:55 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: kd1jv@moose.ncia.net, qrp-l@Lehigh.EDU
Subject: [103840] Re: Need help on connector type for multi board project
Message-ID: <F12lXDeqoMIOGCvqQ7S00006ae8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>

>Wow, talk about distributed processing! I just finished building a
>four band rig with a 9850 VFO and used a single 89C51 to run the
>whole show, including built in keyer. Having 32 I/O pins is handy :-)

I designed a high-speed serial comms hub a few months ago with a PIC 18Cxxx acting as an SPI master and four AVR 2313s as SPI slaves.

73, Leon

--

Leon Heller, G1HSM
Tel: +44 1327 359058
Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Tue, 31 Jul 2001 10:32:13 -0700
From: John Arnold <arnoldas@pacbell.net>
To: qrp-1@Lehigh.EDU
Subject: [103841] Re: Homebrew Dials
Message-ID: <3B66EB9D.59FE893C@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Hi John,

Great program. Just finised using it to make a 40M/20M dial for one of my rigs. A request though. Anyway for you to allow a user to put in values for major tick points? This will allow us with very non-linear varicap based oscillators.

Not withstanding the above request...great contribution to homebrewing!!

73's, John, WA6YSY

Date: Tue, 31 Jul 2001 10:49:04 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: nilsbull@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [103842] Re: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
Message-ID: <3B66EF90.579E5702@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nils R Young wrote:

>
> Gang,
>
> 1. Unless I hallucinated real good, I remember hearing somewhere that the
> old Ham Radio Magazine that lasted from just before I got my license
> until just after Chernobyl had been put on a CD set. So I need to ask:
> Was I hallucinating or what?
>

I recall that, too. Might want to try a google search. That was a
great publication, one of the best.

Phil W7OX

Date: Tue, 31 Jul 2001 10:48:34 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [103843] Bubba 2001
Message-ID: <000901c119e9\$08437ec0\$ce127d3f@de11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- CONTEST ANNOUNCEMENT -----

BUBBA Summer QRP Sprint, sponsored by the AZ ScQRPions

Aug 25, 1800Z-2200Z
HF bands, standard QRP calling freqs (no WARC)
CW, QRP (5w or less) only

Categories: Indoor/Outdoor, Single Op/Multi Op.
Exchange RST, SPC, Name, and Temp(F) at OPERATOR'S POSITION.
Score 1 pt per QSO.
Each SPC counts once per band.
QSO with NQ7RP (ScQRPions Club Call), ONCE PER BAND, =10,000 Point Bonus
(in addition to 1 qso point) per band QSO.

Multipliers:

SPCs: All bands total
Power: 1-5w = x1, Less than 1w = x2.
Category: Indoor Op = x1, Outdoor Op = x2.
Heat:

- Indoor ops use highest operating temp(F) at OP'S POSITION.
- Outdoor ops use Heat Index Chart.

Heat Index Chart

Temp (F)	Dew Point(F)						
	50.0	55.0	60.0	65.0	70.0	75.0	80.0 85.0
65:	62.7	63.8	65.0	66.6			
70:	67.8	68.7	69.8	71.1	72.6		

75:	73.1	73.9	74.8	75.9	79.2	80.7			
80:	79.8	80.6	81.6	82.8	84.4	86.9	90.9		
85:	83.5	84.7	86.1	88.0	90.5	94.0	99.0	106.6	
90:	87.9	89.4	91.2	93.6	96.9	101.2	107.2	115.6	
95:	92.9	94.5	96.7	99.6	103.4	108.4	115.2	124.3	
100:	98.1	99.9	102.4	105.6	109.8	115.3	122.7	132.3	
105:	103.4	105.4	108.1	111.6	116.1	122.0	129.7	139.7	
110:	108.7	110.9	113.8	117.5	122.3	128.4	136.3	146.5	

Temp (F)	Relative Humidity (%)								
	90.0	80.0	70.0	60.0	50.0	40.0	30.0	20.0	10.0
65:	65.6	64.7	63.8	62.8	61.9	60.9	60.0	59.1	58.1
70:	71.6	70.7	69.8	68.8	67.9	66.9	66.0	65.1	64.1
75:	79.7	76.7	75.8	74.8	73.9	72.9	72.0	71.1	70.1
80:	88.2	85.9	84.2	82.8	81.6	80.4	79.0	77.4	76.1
85:	101.4	97.0	93.3	90.3	87.7	85.5	83.5	81.6	79.6
90:	119.3	112.0	105.8	100.5	96.1	92.3	89.2	86.5	84.2
95:	141.8	131.1	121.7	113.6	106.7	100.9	96.1	92.2	89.2
100:	168.7	154.0	140.9	129.5	119.6	111.2	104.2	98.7	94.4
105:	200.0	180.7	163.4	148.1	134.7	123.2	113.6	105.8	100.0
110:	235.6	211.2	189.1	169.4	151.9	136.8	124.1	113.7	105.8
115:	275.3	245.4	218.0	193.3	171.3	152.1	135.8	122.3	111.9
120:	319.1	283.1	250.0	219.9	192.9	169.1	148.7	131.6	118.2

Any value less than 80 is considered comfortable.
Any value greater than 90 is considered extreme.
Any value greater than 100 is considered hazardous.
Any value greater than 110 is considered dangerous.

Final Score = QSO pts x SPCs x Power x Category x Heat Multi+NQ7RP Bonus point(s).

Logs are due 30 days after contest.

Email ASCII-text entries to: nq7x@earthlink.net
or mail entries to Floyd Smithberg NQ7X (ATTN: BUBBA), 12327 Fieldstone Dr.
Sun City West, AZ 85375

Include summary sheet, callsign, operator(s), power, location, and highest operating temp (outdoor ops also include relative humidity and NWS Heat Index).

REMEMBER: In some parts of the country, summer heat is EXTREME, so be sure to drink plenty of fluids, use shade where available, and be careful.

Bob NK7M

Date: Tue, 31 Jul 2001 10:55:12 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: nilsbull@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [103844] Re: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
Message-ID: <3B66F100.436D9A33@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nils R Young wrote:

>
> Gang,
>
> 1. Unless I hallucinated real good, I remember hearing somewhere that the
> old Ham Radio Magazine that lasted from just before I got my license
> until just after Chernobyl had been put on a CD set. So I need to ask:
> Was I hallucinating or what?
>

OK, have the info on this. ARRL Pubs is offering it per page 172 of the
July 2001 QST. Three sets (1968-1976; 1977-1983; 1984-1990). \$60 a set,
or \$150 for all three.

Phil W7OX

Date: Tue, 31 Jul 2001 11:53:59 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Elecraft-list"
<elecraft@qth.net>
Subject: [103845] Another "ditter" 14058.5kHz 1755z
Message-ID: <00c901c119e9\$c75fc020\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I first noticed it at 1745z. Anybody else hear it?

73, Rod N0RC

Ft Collins, CO

Date: Tue, 31 Jul 2001 10:59:24 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: rod@n0rc.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [103846] Re: Another "ditter" 14058.5kHz 1755z
Message-ID: <3B66F1FC.48325A4D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Rod Cerkoney, N0RC" wrote:

>
> I first noticed it at 1745z. Anybody else hear it?
>

Yes .. noticed it maybe an hour earlier, but I've not been near the rig since. Sounds like someone's paddle is being impinged upon.

Guess I can rotate the beam and find out what the direction is from LAX (not too accurately, though).

Phil W7OX

Date: Tue, 31 Jul 2001 14:20:57 -0400
From: "Lee Mairs" <lmairs@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [103847] Re: Need help on connector type for multi board project
Message-ID: <002a01c119ed\$0fc7a80\$022df7a5@bigscreenlaptop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can anybody identify a source for this magic Molex pin crimper tool?
73 de Lee, KM4YY

> I've always used Molex connectors for this type of thing, and found them
> very reliable, both for prototypes and in production. You must crimp the
> connectors on with the correct tool. If you solder them they tend to

break.

> A low-cost tool is available - less than \$20 I think.

Date: Tue, 31 Jul 2001 11:04:36 -0700
From: "blinn" <blinn@smgazette.com>
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [103848] Re: Another "ditter" 14058.5kHz 1755z
Message-ID: <002201c119eb\$44087b20\$85b8e5d8@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm hearing it in North Idaho....

-----Original Message-----

From: Phil Wheeler <w7ox@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, July 31, 2001 10:57 AM
Subject: Re: Another "ditter" 14058.5kHz 1755z

>

>

>"Rod Cercone, N0RC" wrote:

>>

>> I first noticed it at 1745z. Anybody else hear it?

--

Date: Tue, 31 Jul 2001 11:08:40 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: rod@n0rc.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [103849] Re: Another "ditter" 14058.5kHz 1755z
Message-ID: <3B66F428.6EB30A69@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Rod Cerkoney, N0RC" wrote:

>

> I first noticed it at 1745z. Anybody else hear it?

>

I just listened again, Rod, and he's still there. Very weak (hardly tickling my S meter and with any QRN he would be gone). I'd judge he is pretty much East of LAX, after rocking the beam between NE and SE .. but there is a bit of QSB on him, so not much precision in my measurement.

Phil W70X

Date: Tue, 31 Jul 2001 13:25:52 -0500

From: "Rob Matherly" <kc0bom@yahoo.com>

To: <rod@n0rc.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [103850] Re: Another "ditter" 14058.5kHz 1755z

Message-ID: <007101c119ee\$40271ae0\$9511a541@intern01>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi;

Well, the list has never posted my mailings, so I'm sending it direct to you and the list. Maybe this time I'll cut through the static!

Whatever that is (ufo? Government mind control beacon?) is coming in loud and clear in southern Iowa. Pretty strong off the Inverted Vee. My S-Meter just quit, so can't give you exact, but my guess would be peaking between s5 and s9 here. VERY strong at times. Hurts the ears!

73,

Rob, kc0bom

----- Original Message -----

From: Rod Cerkoney, N0RC <rod@n0rc.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, July 31, 2001 12:53 PM

Subject: Another "ditter" 14058.5kHz 1755z

> I first noticed it at 1745z. Anybody else hear it?

>

> 73, Rod N0RC
> Ft Collins, CO

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 31 Jul 2001 12:26:02 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [103851] 1826z UPDATE: Re: Another "ditter" 14058.5kHz 1755z
Message-ID: <00f301c119ee\$41885890\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Still there about s5 on my K2 S-meter.

73, Rod N0RC
Ft Collins, CO

----- Original Message -----
From: "Phil Wheeler" <w7ox@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, July 31, 2001 12:08 PM
Subject: Re: Another "ditter" 14058.5kHz 1755z

>
>
> "Rod Cerkoney, N0RC" wrote:
> >
> > I first noticed it at 1745z. Anybody else hear it?
> >
>
> I just listened again, Rod, and he's still there. Very weak (hardly
> tickling my S meter and with any QRN he would be gone). I'd judge he
is
> pretty much East of LAX, after rocking the beam between NE and SE ..
but
> there is a bit of QSB on him, so not much precision in my
measurement.
>

> Phil W7OX

Date: Tue, 31 Jul 2001 13:19:17 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'w7ox@earthlink.net'" <w7ox@earthlink.net>, Low Power Amateur Radio
Discussion <qrp-l@lehigh.edu>
Subject: [103852] RE: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A49D3D@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

"Ham Radio" magazine is indeed available on multiple CD-ROMS
Phil (and Nils).... It's a three-volume set for just a hair under \$150
from the ARRL and well worth it!

The three "volumes" are multiple CDs, but in black and white, and
the search engine they use isn't much better than it is for the Q-Street
volumes, but it **does** have all the "Ham Radio" magazine content!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----
From: Phil Wheeler [SMTP:w7ox@earthlink.net]
Sent: Tuesday, July 31, 2001 12:49 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox
circuits

Nils R Young wrote:

>
> Gang,
>
> 1. Unless I hallucinated real good, I remember hearing somewhere that the
> old Ham Radio Magazine that lasted from just before I got my license
> until just after Chernobyl had been put on a CD set. So I need to ask:
> Was I hallucinating or what?
>

I recall that, too. Might want to try a google search. That was a
great publication, one of the best.

Phil W7OX

Date: Tue, 31 Jul 2001 14:34:58 -0400
From: "tbowman@nbn.net" <tbowman@nbn.net>
To: qrp-1@lehigh.edu
Subject: [103853] HR on CD-ROMs
Message-ID: <4120017231183458548@nbn.net>
MIME-Version: 1.0
Content-type: text/plain; charset=iso-8859-1

The ARRL is selling the HR CDs for \$59 a set. There are three sets covering the magazine's history from 1968 to 1990.

For a really good deal on these CDs - I believe the price is \$39 a set - check back through the past two weeks of QRP-L messages for the book seller who is closing out his stock. If I can find it, I will post it here.

73,

Tom, WA3REY

Date: Tue, 31 Jul 2001 12:37:57 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [103854] Re: Another "ditter" 14058.5kHz 1755z
Message-ID: <012501c119ef\$eb9bf7f0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I contacted ARRL. They are investigating.

73, Rod N0RC
Ft Collins, CO

----- Original Message -----
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, July 31, 2001 11:53 AM

Subject: Another "ditter" 14058.5kHz 1755z

> I first noticed it at 1745z. Anybody else hear it?
>
> 73, Rod NØRC
> Ft Collins, CO
>

Date: Tue, 31 Jul 2001 13:47:59 -0500
From: "Rob Matherly" <kc0bom@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [103855] Re: Another "ditter" 14058.5kHz 1755z
Message-ID: <00a201c119f1\$55ab7fc0\$9511a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey! I finally got through after 2 weeks! Wonder how that happened?

73
Rob, kc0bom

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 31 Jul 2001 14:14:45 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [103856] Ham Radio mag on CDs
Message-ID: <20010731.141455.-501071.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

Ok, ok, I get it. The ARRL is sellin' the entire series on CDs. Pretty
'spensive, though, at \$150 for the set of 3.

Almost makes me wish that I'd hung onto every single issue I got . . . which was quite a few, seein' as how I got my first subscription in 1968 (one of the first issues) and got the last issue in 1990. Still have the last issue. Makes me sad just lookin' at it.

It was one heck of a good magazine.

And thanks to all of youze what sent me an email about that.

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes
W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>
In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!
--- Comrade Nikolai Sergeevich McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 31 Jul 2001 12:54:29 -0600
From: "Carlos Caro" <cjcaro35@hotmail.com>
To: tedkell@ev1.net, qrp-1@Lehigh.EDU
Subject: [103857] Re: Are knots bad for antennas?
Message-ID: <F906hm8Ua8d9Ee4zadT00009bd1@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

For rope or stranded wire, a square knot with wrapped ends will maintain tensile strength as a square knot is self tightening under tension. For solid wire, a Western Union splice will hold as long as the wire itself.

Regards,

Carlos #1333

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Tue, 31 Jul 2001 11:53:19 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: kc0bom@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103858] Re: Another "ditter" 14058.5kHz 1755z
Message-ID: <3B66FE9F.17476E8B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rob Matherly wrote:

>
> Hey! I finally got through after 2 weeks! Wonder how that happened?
>

Yeah .. and that's twice in one hour :-;

73, Phil

Date: Tue, 31 Jul 2001 13:08:21 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [103859] Re: Another "ditter" 14058.5kHz 1755z
Message-ID: <20010731.130822.-203027.6.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

More like another FIST er practicing.

Low oil supplies -All the oil is in Texas, Oklahoma, Alaska,
Louisiana, etc. But all the dipsticks are in Washington, D.C.
Ray Colbert,W5XE,00TC#3618,SOWP#1064M NARTE-NCT2r SOC#78
El Paso (Far West), Texas

Date: Tue, 31 Jul 2001 14:08:59 -0500
From: "Rob Matherly" <kc0bom@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [103860] Well, now that I can send....

Message-ID: <00ce01c119f4\$45e47800\$9511a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all;

Well, now that I can finally send, I can get around to asking this question that got me to join in the first place!

I was wanting to build a one transistor 40m transmitter, but am having trouble finding a part. The schematic calls for a 3/8" slug tuned coil form. It says the part number is a National xr-91 or equivalent. I've looked in Mouser, Digi-Key, and done internet searches and can't find anything. Anyone have any ideas? Maybe something like this could be homebrewed? I hope I can get something, because I'm kind of curious how many contacts I could make on a 10mW rig!

tnx es 73
Rob, kc0bom

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 31 Jul 2001 14:11:32 -0500
From: rhiller@sysdev.com (Rick Hiller)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103861] Ham Radio mag Index on the web, etc.
Message-ID: <5.1.0.14.0.20010731135822.00aba3d8@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>

>Almost makes me wish that I'd hung onto every single issue I got . . .
>which was quite a few, seein' as how I got my first subscription in 1968
>(one of the first issues) and got the last issue in 1990.

247 total issues of HR. (I've have the pleasure of having them all but only after an extensive search at tail-gate sales, newsgroups and e-bay along with constant begging on the local repeaters) (hi). Then CQ bought

HR and for 6 months placed "Including Ham Radio Magazine" in the upper right corner of their cover. Then they dropped the HR by-line in January of 1991.

Does the CD also contain the Ham Radio Horizon magazines?.....maybe I am confusing this with the Buckmaster micro fiche offer

Anywho....check out the Ham Radio magazine index url (below) that Bill, VE3WGX put on-line about 2 years ago. This will certainly assist in your fast referencing of the total set.

<http://webhome.idirect.com/~griffith/hrindex.htm#index>

Regards...Rick....W5RH in Houston

Date: Tue, 31 Jul 2001 13:15:59 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [103862] Re: Ham Radio magazine on CDs, PRC10 boxes
Message-ID: <20010731.131602.-203027.8.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I think it was last week someone mentioned on the list that Washa Books was going out of business and had the CD's for 35 or 39 bux each - considerable savings so if one is interested, might want to check on that as well - and his listing of amateur related books is VERY long.

73
Ray

Date: Tue, 31 Jul 2001 15:22:47 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [103863] level of xmitted RF from dummy load?
Message-ID: <Pine.LNX.4.30.0107311520100.29689-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Many people, I believe, have had this happen to them...

Messing around with dummy load, you hear a signal...turns out to be your neighbor. You answer and convince him to ALSO switch to the dummy load.

A neighbor (600' up the block) and I had a QSO with 5w xmitter power into MFJ 50 ohm 200w dummy loads.

Any idea what the attenuation would be at 14 MHz?

How much RF actually gets out?

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Tue, 31 Jul 2001 13:11:58 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [103864] 30 meters
Message-ID: <20010731.131201.-203027.7.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Another decline for 30 meters - in addition to the WINLINK junk that has destroyed the band between 10.119 and 10.125, now the Canadians have authorized a packet beacon to operate on 10.117. From a note from a friend helping with Mars research programs:

"KB0KJH, Kevin Shoemaker, built a packet beacon that operates on 10.1175 MHz, and id's in CW every so often. more details later. I know he had to go through the ARRL to the Canadian commission that grants privileges to get special permission to operate a beacon on this frequency, but they granted it.

Oh well.

Low oil supplies -All the oil is in Texas, Oklahoma, Alaska,

Louisiana, etc. But all the dipsticks are in Washington, D.C.
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2r SOC#78
El Paso (Far West), Texas

Date: Tue, 31 Jul 2001 12:38:16 -0700
From: Chris Trask <ctrask@qwest.net>
To: nilsbull@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [103865] Re: Ham Radio mag on CDs
Message-ID: <3B670928.C34083D0@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The \$150 for the set of CD's is far cheaper than what you would spend to collect the entire magazine, even if you could get them at \$1 apiece. I have a number of extras from my effort (successful) of putting together an entire collection years ago, and I will sometimes list them for sale at \$1 each, with the earlier years going for more as they are scarcer (1968 is \$5 each).

I'd be interested in hearing what the overall quality of the CD version is like. A similar effort at putting the Radiotron Designer's Handbook 4th edition on CDRom produced a poor quality version (a low resolution was used). I keep my Ham Radio originals carefully stored so as to keep them in good copyable condition.

Chris

Nils R Young wrote:

>
> Gang,
>
> Ok, ok, I get it. The ARRL is sellin' the entire series on CDs. Pretty
> 'spensive, though, at \$150 for the set of 3.
>
> Almost makes me wish that I'd hung onto every single issue I got . . .
> which was quite a few, seein' as how I got my first subscription in 1968
> (one of the first issues) and got the last issue in 1990. Still have the
> last issue. Makes me sad just lookin' at it.
>
> It was one heck of a good magazine.
>
> And thanks to all of youze what sent me an email about that.

```

>
> 73
>
> Nils
> -----
> Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
> Sonrientes
> W8IJN -- http://www.geocities.com/nilsbull/w8ijn
> In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!
>                      --- Comrade Nikolai Sergeevich McTovarishov
>
>
> -----
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.

```

--

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      /-----\
     /  What's all this  \
    / extinct stuff, anyhow? \
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<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

```

-----
Date: Tue, 31 Jul 2001 12:36:10 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [103866] Jay Chamness, W6JAZ, SK
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B7721E@hq-expo2.filenet.com>

```

I am saddened to report that Jay, W6JAZ, passed away last Thursday of brain cancer. He had been fighting this for 9 long, torturous months until he finally succumbed.

He was one of the members of our small band -- the Lake Perris QRP Society

-- out here in Southern California and a kind and gentle giant of a man. We knew and loved Jay for only three or four short years before he was taken from us, but we are deeply grateful for the honor of getting to know such a fine person and incredible ham. Jay was an extraordinary builder and technician; his radios -- homebrew and kits alike -- were meticulously crafted and carefully engineered. He produced a line of keys which, while not in the stratospheric price range of some of the other fine works coming from those in this hobby, were -- like Jay -- rugged, handsome, and "worked good". One of my personal treasures is a set of paddles he made for me that I retro-fitted with some nifty-looking guitar picks. From now on, using it will take on a special meaning, I guess.

In a larger sense, we are very fortunate to have such amateurs as Jay in our midst and we only know what we are missing when they leave us. I personally am extremely grateful there are many such fine gentlemen in this avocation; I am privileged to know them and to talk with them. I am sure you all feel the same way.

He is survived by his wife Evelyn and his children and grandchildren..

..and will be missed by all of us.

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Tue, 31 Jul 2001 13:40:55 -0600
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: <cjcaro35@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [103867] Re: Are knots bad for antennas?
Message-ID: <01bf01c119f8\$b76c5ac0\$b8983b8e@Staddon.ab.hsia.telus.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

For climbing ropes, knots do affect tensile strength. You might want to check out the link below and go to the "Ropes" section.
<http://www.angelfire.com/tx/StrayJsPadPage/RockClimEq.html>

If you want more information, I'd suggest a google search for "knots and affect on climbing rope strength". You'll find lots of interesting article on this subject.

Cheers
Karl B. Staddon VE6KBS
Calgary, Alberta

----- Original Message -----

From: "Carlos Caro" <cjcaro35@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, July 31, 2001 12:54 PM
Subject: Re: Are knots bad for antennas?

> For rope or stranded wire, a square knot with wrapped ends will maintain
> tensile strength as a square knot is self tightening under tension. For
> solid wire, a Western Union splice will hold as long as the wire itself.
>
> Regards,
>
> Carlos #1333
>
>
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>
>
>

Date: Tue, 31 Jul 2001 14:40:34 -0500
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: qrp-l@lehigh.edu
Subject: [103868] Re: level of xmitted RF from dummy load?
Message-ID: <4.3.2.7.2.20010731143119.00b402a0@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Scott asked -
>How much RF actually gets out?

Obviously, more than you might like :-)

But consider the entire system. Unfortunately, the dummy load is probably not the only culprit here. It would be IF you had very good coax, and good connectors, proper rig shielding and grounding, AND proper power supply filtering/shielding/bypassing. Then one could examine the shielding of the dummy load for the sum of the radiation.

Chances are, some leaks out from more (or maybe ALL) of the objects

mentioned. Put your scope probe across that gel cell you have connected with clip leads sometime :-)

Of course, we got folks who make contacts intentionally with a few milliwatts. Easy to see how you can do it inadvertently when you are dumping 5 watts into the load.

And then, there are those famous QSOs on a 100 watt light bulb/dummy load.

Date: Tue, 31 Jul 2001 15:50:09 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU
Subject: [103869] Re: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
Message-ID: <5.0.2.1.0.20010731154914.009f2210@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

HR Magazine on CD is being sold by ARRL. Visit their website or review a recent QST.

Phil

At 10:49 AM 7/31/2001 -0700, Phil Wheeler wrote:

>Nils R Young wrote:
> >
> > Gang,
> >
> > 1. Unless I hallucinated real good, I remember hearing somewhere that the
> > old Ham Radio Magazine that lasted from just before I got my license
> > until just after Chernobyl had been put on a CD set. So I need to ask:
> > Was I hallucinating or what?
> >
>
>I recall that, too. Might want to try a google search. That was a
>*great* publication, one of the best.
>
>
>Phil W70X

Date: Tue, 31 Jul 2001 14:52:38 -0500
From: Wayne <aa5jj@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103870] another ditte
Message-ID: <003a01c119fa\$5ab95ba0\$d761fea9@Wayne>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

I am hearing it on 14.058 and it is strong here in Muskogee, OK EM25 I turned the beam and have it the strongets pointing 30 deg north of west that would be in the 7 call area or Colorado..... 16:50 UTC

73 Wayne

Date: Tue, 31 Jul 2001 14:06:45 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "Rod Cerkoney, N0RC" <rod@n0rc.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103871] Re: 1826z UPDATE: Re: Another "ditter" 14058.5kHz 1755z
Message-ID: <Pine.LNX.4.33.0107311403280.3836-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just tuned the ditte in here at 2003Z and boy he's sounds strong, not moving my S meter but sounds solid here....just swung the beam around and he peaks an S5 direct west of Regina.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
QRP Borg#1
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Tue, 31 Jul 2001 14:19:02 -0600
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: <rattray@gpfn.sk.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103872] Re: 1826z UPDATE: Re: Another "ditter" 14058.5kHz 1755z
Message-ID: <01d101c119fe\$0a3f6940\$b8983b8e@Staddon.ab.hsia.telus.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The ditler just stopped at 20:15 zulu. Signal strength was at the greatest (S7) with the Force 12 DXer Plus pointed straight south of my qth in Calgary, AB (North 50.58, West 114.06).

Cheers

Karl B. Staddon
VE6KBS

----- Original Message -----

From: "Bruce Rattray" <rattray@gpfn.sk.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, July 31, 2001 14:06 PM
Subject: Re: 1826z UPDATE: Re: Another "ditler" 14058.5kHz 1755z

> Just tuned the ditler in here at 2003Z and boy he's sounds strong, not
> moving my S meter but sounds solid here....just swung the beam around and
> he peaks an S5 direct west of Regina.....

>

> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
> K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
> QRP Borg#1

> "QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

>

>

>

Date: Tue, 31 Jul 2001 21:26:33 +0100
From: "Ray Goff" <radioham@gmx.co.uk>
To: "qrp-1@Lehigh. EDU" <qrp-1@Lehigh.EDU>
Subject: [103873] RE: QRP Miracle Whip
Message-ID: <FDEOKGEJJFNPABJIJGDDAEJHCHAA.radioham@gmx.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I looked at the design and did some tests, which I shared with the FT817 group on Yahoo. Basically, I couldn't get the SWR anywhere reasonable for most bands. I certainly decided not to put the extra effort into building the final unit.

72' de Ray g4fon

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Hare, Ed, W1RFI

Sent: 31 July 2001 00:49

To: Low Power Amateur Radio Discussion

Subject: RE: QRP Miracle Whip

Well, "works reasonably well" may have to be taken in context. IMHO, it won't work nearly as well as a hunk of wire and an antenna tuner. I think QST ran it because as a real lightweight down and dirty antenna that can be hauled along WITHOUT having to haul along the tuner, it is a nice construction project.

73,

Ed Hare, W1RFI

> -----Original Message-----

> From: Dragon Singer [mailto:WM-Scace@wiu.edu]

> Sent: Friday, July 27, 2001 2:43 AM

> To: Low Power Amateur Radio Discussion

> Subject: QRP Miracle Whip

>

>

> Hi Gang,

> Wayne K9DI & Sequoia here. I (finally) got a chance
> to read my

> copy of the July QST and had an article catch my eye for a

> "QRP Miracle

> Whip" which purportedly works pretty well on 80-10 meters and

> can also work

> fairly well on 2m and 440. It can handle 20 watts pep on SSB

> and 5 watts on CW

> 73

> de

>

> Respectfully and Sincerely Yours,

>

> Wayne M. Scace

>

> k9di@arrl.net

> LICQ# 315313

> FISTS# 4409

> QRP-L# 2313

> FPQRP-L# 217
> ARS No. 1,082
>

Date: Tue, 31 Jul 2001 14:32:11 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [103874] 2017z UPDATE: Re: 1826z UPDATE: Re: Another "ditter" 14058.5kHz
1755z
Message-ID: <01e701c119ff\$e0f98b90\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some time between 2000 and 2015z the ditter stopped.

Based on beam angles reported to me, I'm guessing the station was in
the Upper Rocky Mountain States:

W70X: I'd judge he is pretty much East of LAX, after rocking the beam
between NE and SE

Wayne: I am hearing it on 14.058 and it is strong here in Muskogee, OK
EM25 I
turned the beam and have it the strongets pointing 30 deg north of
west that
would be in the 7 call area or Colorado..... 16:50 UTC

VE5RC+VE5QRP: just swung the beam around and he peaks an S5 direct
west of Regina

NY9H: yes the ditter is loud and s9 in chicago. heading is 299
degrees....

N9NE: Ditter S9 plus here in Oshkosh, Wi at 2000z on 14058. Went back
and forth
with the 3 element tribander several times ... particularly trying to
get a
good null, as the peak is so broad. My best estimate is that it is
about
265 degrees from here.

73, Rod N0RC
Ft Collins, CO

----- Original Message -----

From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, July 31, 2001 12:26 PM
Subject: 1826z UPDATE: Re: Another "ditter" 14058.5kHz 1755z

> Still there about s5 on my K2 S-meter.

>

> 73, Rod N0RC
> Ft Collins, CO

>

> ----- Original Message -----

> From: "Phil Wheeler" <w7ox@earthlink.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Tuesday, July 31, 2001 12:08 PM
> Subject: Re: Another "ditter" 14058.5kHz 1755z

>

>

> >

> >

> > "Rod Cerkoney, N0RC" wrote:

> > >

> > > I first noticed it at 1745z. Anybody else hear it?

> > >

> >

> > I just listened again, Rod, and he's still there. Very weak
(hardly

> > tickling my S meter and with any QRN he would be gone). I'd judge
he

> is

> > pretty much East of LAX, after rocking the beam between NE and SE

..

> but

> > there is a bit of QSB on him, so not much precision in my
> measurement.

> >

> > Phil W7OX

>

Date: Tue, 31 Jul 2001 14:51:10 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>

To: <rod@n0rc.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [103875] It's a wrap: Re: Another "ditter" 14058.5kHz 1755z
Message-ID: <020901c11a02\$87e98750\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks all for your reports. I sent the summary data to ARRL. Every little bit of new information helps to deal with the situation better, the next time it happens.

The lesson of course, review your operating practices to be sure you are not the next "mystery ditter"! When I leave unattended equipment turned on in my shack I turn the antenna switch to the D/L. (A lesson learned from the first ditter experience some time ago)

73, Rod N0RC
Ft Collins, CO

----- Original Message -----

From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, July 31, 2001 11:53 AM
Subject: Another "ditter" 14058.5kHz 1755z

> I first noticed it at 1745z. Anybody else hear it?

Date: Tue, 31 Jul 2001 21:01:33 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: lmairs@ix.netcom.com, qrp-1@Lehigh.EDU
Subject: [103876] Re: Need help on connector type for multi board project
Message-ID: <F201GryWtIIZS2TRqf60000dc79@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>Can anybody identify a source for this magic Molex pin crimper tool?
>73 de Lee, KM4YY

I think I bought it from Farnell. Any Molex distributor should have them.

>
> > I've always used Molex connectors for this type of thing, and found them
> > very reliable, both for prototypes and in production. You must crimp the
> > connectors on with the correct tool. If you solder them they tend to
> break.
> > A low-cost tool is available - less than \$20 I think.
>
>
--

Leon Heller, G1HSM
Tel: +44 1327 359058
Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Tue, 31 Jul 2001 16:12:58 -0500 (CDT)
From: ac5ez@webtv.net (Larry)
To: qrp-1@lehigh.edu
Subject: [103877] FS Keyer
Message-ID: <17337-3B671F5A-3031@storefull-114.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

The MFJ model 422 pacesetter keyer with manual .Fits on the bencher
paddles. Works ok .
\$40.00 and I ship.

K1zw
Larry
Qcwa

Date: Tue, 31 Jul 2001 17:27:34 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: "'Karl.Kanalz@allegiancetelecom.com'" <Karl.Kanalz@allegiancetelecom.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [103878] RE: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3573@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> The three "volumes" are multiple CDs, but in black and white, and
> the search engine they use isn't much better than it is for
> the Q-Street
> volumes, but it *does* have all the "Ham Radio" magazine content!

While we haven't (yet?) done it for Ham Radio, the QST search engine has been updated with categorization keywords. At some point, this will be on the CDs, but for now, if you want to search, go to:

<http://www.arrl.org/members-only/qqnsearch.html>

As an example, try typing "Antenna Construction" in the Title/keyword search field, or any of the categorization keywords listed at:

<http://www.arrl.org/tis/info/keyword.html>

You can, of course, also search any word in the title, author, etc.

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Kanalz, Karl [<mailto:Karl.Kanalz@allegiancetelecom.com>]
> Sent: Tuesday, July 31, 2001 2:19 PM
> To: Low Power Amateur Radio Discussion
> Subject: RE: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox
> circuits
>
>
> "Ham Radio" magazine is indeed available on multiple CD-ROMS
> Phil (and Nils).... It's a three-volume set for just a hair
> under \$150

> from the ARRL and well worth it!
>
> The three "volumes" are multiple CDs, but in black and white, and
> the search engine they use isn't much better than it is for
> the Q-Street
> volumes, but it *does* have all the "Ham Radio" magazine content!
>
> Karl K - W8TIF
> McKinney, Texas
>
> -----Original Message-----
> From: Phil Wheeler [SMTP:w7ox@earthlink.net]
> Sent: Tuesday, July 31, 2001 12:49 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox
> circuits
>
>
>
> Nils R Young wrote:
> >
> > Gang,
> >
> > 1. Unless I hallucinated real good, I remember hearing
> > somewhere that the
> > old Ham Radio Magazine that lasted from just before I got my license
> > until just after Chernobyl had been put on a CD set. So I
> > need to ask:
> > Was I hallucinating or what?
> >
>
> I recall that, too. Might want to try a google search. That was a
> *great* publication, one of the best.
>
>
> Phil W7OX
>

Date: Tue, 31 Jul 2001 21:36:48 +0100
From: "David Hurley, n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [103879] Jupiter ordered!
Message-ID: <3B6716E0.A84A0977@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My thanks to everyone that replied to my request for info about the TenTec Jupiter. I got about 10 replies on this one, all positive. Everyone loved their new Jupiter.

1)Most commented on the good quality and service of Tentec rigs. There was a mention of no email support however.

2)Several were surprised that they liked using the rig interfaced with their computer.

3)Several said power is variable from 1.5 or 2.5 watts on up to 100. :)

4)Everyone liked the filtering, especially those upgrading from older or more simple rigs. Someone wanted to know if the mechanical filters could be swapped out. I've seen nothing on that yet.

5)Several comments about the legendary TenTec QSK.

6)Many have gotten good audio reports on SSB.

7)Some gave tangible numbers and sent me the review from QST.
http://www.elecrafter.com/K2_perf.htm

8)One person told me about the TenTec net on Sundays at 22:00 UTC on 14.267 MHZ. Evidently a good place to get info and help. Cool!

9)A couple of replies mentioned an RFI problem usually fixed by better grounding or chokes. Another mentioned distancing the rig from the powersupply to clean up interference.

10)Not one person said that I would be better off building a K2 instead. Ok..., maybe a few people said I would be better off building a K2 instead.

I had looked at the IC 746 and frankly I consider it a better value. The inclusion of 2 meters and the internal antenna tuner make that a nice rig but it just didn't get me excited. I think the Jupiter is more exciting with the firmware upgrades and the clean (and hopefully) easy layout even though it is on the large side. I'm also hoping that the filtering will be a major improvement over my Alinco dx70th/radio shack dsp combination.

So.... I ordered one! Will ship in 2 weeks. I ordered the desk mike and the external input dial/keypad thingy. I did it while my bride of 2 months was away at work. If anything happens I've saved all the emails and you will be parties in the divorce. Yup, you know who you are!

Thanks everyone.

David Hurley,n2zhy
Princeton,NJ

Date: Tue, 31 Jul 2001 14:58:55 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: n2zhy@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [103880] Re: Jupiter ordered!
Message-ID: <3B672A1F.C858A81D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"David Hurley, n2zhy" wrote:

>
> My thanks to everyone that replied to my request for info about the
> TenTec Jupiter. I got about 10 replies on this one, all positive.
> Everyone loved their new Jupiter.
>

Good luck with the new rig. But "Jupiter Ordered" is tempting fate:
Supreme beings may not like taking orders (except from Juno) <grin>

Phil W7OX

Date: Tue, 31 Jul 2001 15:05:00 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: rod@n0rc.com, QRP List <qrp-l@lehigh.edu>
Subject: [103881] Re: 2017z UPDATE: Re: 1826z UPDATE: Re: Another "ditter"
14058.5kHz
1755z
Message-ID: <3B672B8C.BA37E372@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

But wouldn't such a location be a short hop from you (Ft. Collins,
right?) and a longer one from me? He was very weak here in LAX on my 3
el beam .. which I took to indicate a short hop. But the West of Regina

does not fit too well with east of LAX :-;

Darn .. another mystery we will likely never know the answer to. Likely the cat woke up and went for some food :-;

73, Phil

"Rod Cerkoney, N0RC" wrote:

>
> Some time between 2000 and 2015z the ditte stopped.
>
> Based on beam angles reported to me, I'm guessing the station was in
> the Upper Rocky Mountain States:
>
> W7OX: I'd judge he is pretty much East of LAX, after rocking the beam
> between NE and SE
>
> Wayne: I am hearing it on 14.058 and it is strong here in Muskogee, OK
> EM25 I
> turned the beam and have it the strongets pointing 30 deg north of
> west that
> would be in the 7 call area or Colorado..... 16:50 UTC
>
> VE5RC+VE5QRP: just swung the beam around and he peaks an S5 direct
> west of Regina
>
> NY9H: yes the ditte is loud and s9 in chicago. heading is 299
> degrees....
>
> N9NE: Ditter S9 plus here in Oshkosh, Wi at 2000z on 14058. Went back
> and forth
> with the 3 element tribander several times ... particularly trying to
> get a
> good null, as the peak is so broad. My best estimate is that it is
> about
> 265 degrees from here.
>
> 73, Rod N0RC
> Ft Collins, CO
>
> ----- Original Message -----
> From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, July 31, 2001 12:26 PM
> Subject: 1826z UPDATE: Re: Another "ditte" 14058.5kHz 1755z
>
> > Still there about s5 on my K2 S-meter.
> >

> > 73, Rod N0RC
> > Ft Collins, CO
> >
> > ----- Original Message -----
> > From: "Phil Wheeler" <w7ox@earthlink.net>
> > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > Sent: Tuesday, July 31, 2001 12:08 PM
> > Subject: Re: Another "ditter" 14058.5kHz 1755z
> >
> >
> > >
> > >
> > > "Rod Cerkoney, N0RC" wrote:
> > > >
> > > > I first noticed it at 1745z. Anybody else hear it?
> > > >
> > >
> > > I just listened again, Rod, and he's still there. Very weak
> (hardly
> > > tickling my S meter and with any QRN he would be gone). I'd judge
> he
> > is
> > > pretty much East of LAX, after rocking the beam between NE and SE
> ..
> > but
> > > there is a bit of QSB on him, so not much precision in my
> > measurement.
> > >
> > > Phil W70X
> >

Date: Wed, 1 Aug 2001 00:29:17 +0200
From: "C Andersson" <sm6pxj@swipnet.se>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [103882] Re: 38 Special BC breakthrough
Message-ID: <008b01c11a10\$3d41b5c0\$c85597d4@W98.swipnet.se>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Thanks for the hints, directly and via the group.
I ended up with a parallell tuned 12 MHz trap (4,7uH + small trim cap) =
between TC1 and C4. Added a 18pF cap between TC1 and the new trap. Also =
changed C4 from 10nF to 10 pF and put a shield around T1.
Really nice to get rid of that noise...

73

Christer - SM6PXJ

Date: Tue, 31 Jul 2001 18:31:55 -0400
From: "Tom Bowman" <tbowman@nbn.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [103883] Re: Ham Radio magazine on CDs, PRC10 boxes & cheapo vox circuits
Message-ID: <003a01c11a10\$9aafdca0\$51b3473f@tombowma>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul w0tok@msn.com was selling the HR CDs for \$39 each, a savings of \$20.

Tom, WA3REY

> >
>
> OK, have the info on this. ARRL Pubs is offering it per page 172 of the
> July 2001 QST. Three sets (1968-1976; 1977-1983; 1984-1990). \$60 a set,
> or \$150 for all three.
>
> Phil W7OX

End of QRP-L Digest 2267

